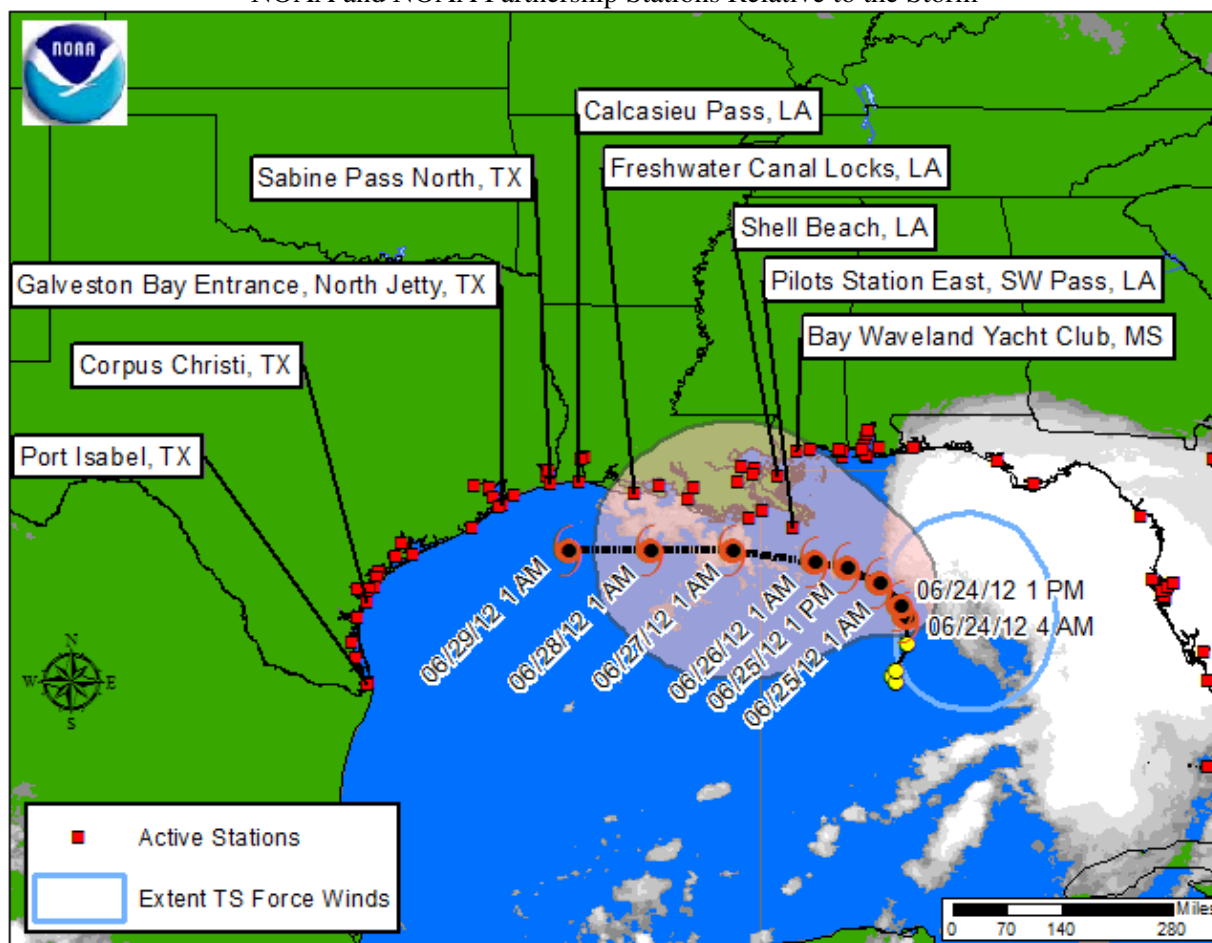




Tropical Storm DEBBY QuickLook
Posted: 05:00 CDT 06/24/2012

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/24/2012 05:00 CDT, water levels across the Gulf Coast region are elevated by 1.0 to 2.5 feet above predicted tide levels.

Winds are steady across the region and generally range from 5-20 knots at all stations.

Barometric pressure is steady in most locations.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Bay Waveland Yacht Club, MS: Next predicted high tides are 1.6 ft (0.49 m) at 06/24/2012 14:53 CDT and 1.3 ft (0.40 m) at 06/25/2012 15:20 CDT.

Tropical Storm DEBBY QuickLook, POSTED 05:00 CDT 06/24/2012

Pilots Station East, SW Pass, LA: Next predicted high tides are 1.1 ft (0.33 m) at 06/24/2012 10:47 CDT and 0.9 ft (0.27 m) at 06/25/2012 10:17 CDT.

Shell Beach, LA: Next predicted high tides are 1.1 ft (0.35 m) at 06/24/2012 17:51 CDT and 0.9 ft (0.28 m) at 06/25/2012 11:42 CDT.

Freshwater Canal Locks, LA: Next predicted high tides are 1.9 ft (0.59 m) at 06/24/2012 06:42 CDT and 1.4 ft (0.44 m) at 06/24/2012 15:56 CDT.

Calcasieu Pass, LA: Next predicted high tides are 1.9 ft (0.58 m) at 06/24/2012 07:37 CDT and 1.5 ft (0.46 m) at 06/24/2012 17:32 CDT.

Sabine Pass North, TX: Next predicted high tides are 1.5 ft (0.46 m) at 06/24/2012 08:15 CDT and 1.1 ft (0.34 m) at 06/24/2012 18:43 CDT.

Galveston Bay Entrance, North Jetty, TX: Next predicted high tides are 1.6 ft (0.48 m) at 06/24/2012 08:58 CDT and 1.1 ft (0.33 m) at 06/24/2012 18:44 CDT.

Corpus Christi, TX: Next predicted high tides are 1.4 ft (0.42 m) at 06/24/2012 08:05 CDT and 1.3 ft (0.39 m) at 06/25/2012 08:21 CDT.

Port Isabel, TX: Next predicted high tides are 1.1 ft (0.34 m) at 06/24/2012 09:04 CDT and 1.0 ft (0.32 m) at 06/25/2012 09:08 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:DW

SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

TROPICAL STORM DEBBY ADVISORY NUMBER 3

400 AM CDT SUN JUN 24 2012

...DEBBY MOVING SLOWLY NORTHWARD...EXPECTED TO STRENGTHEN...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* THE COAST OF LOUISIANA FROM THE MOUTH OF THE PEARL RIVER WESTWARD TO MORGAN CITY...NOT INCLUDING THE CITY OF NEW ORLEANS OR LAKE PONTCHARTRAIN

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 36 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 400 AM CDT...0900 UTC...THE CENTER OF TROPICAL STORM DEBBY WAS LOCATED NEAR LATITUDE 27.3 NORTH...LONGITUDE 87.3 WEST. DEBBY IS MOVING TOWARD THE NORTH NEAR 3 MPH. A SLOW NORTHWARD MOTION IS FORECAST TODAY...FOLLOWED BY A GRADUAL WESTWARD TURN TONIGHT OR MONDAY MORNING. ON THE FORECAST TRACK...THE CENTER OF DEBBY WILL BE MOVING OVER THE NORTHERN GULF OF MEXICO DURING THE NEXT FEW DAYS.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH WITH HIGHER GUSTS. SOME STRENGTHENING IS FORECAST DURING THE NEXT 48 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175 MILES FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 998 MB...29.47 INCHES.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO FIRST REACH THE COAST WITHIN THE WARNING AREA BY TONIGHT...MAKING OUTSIDE PREPARATIONS DIFFICULT OR DANGEROUS.

STORM SURGE...THE COMBINATION OF A STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING DEPTHS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

MISSISSIPPI AND LOUISIANA...2 TO 4 FT

THE DEEPEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST IN AREAS OF ONSHORE FLOW. SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

RAINFALL...DEBBY IS EXPECTED TO PRODUCE RAIN ACCUMULATIONS OF 3 TO 6 INCHES ALONG THE GULF COAST FROM SOUTHERN LOUISIANA TO THE FLORIDA PANHANDLE...WITH POSSIBLE ISOLATED MAXIMUM AMOUNTS OF 10 INCHES. ADDITIONAL

RAINS OF 1 TO 3 INCHES WITH ISOLATED AMOUNTS UP TO 5 INCHES WILL BE POSSIBLE ACROSS PORTIONS OF THE WESTERN FLORIDA PENINSULA.

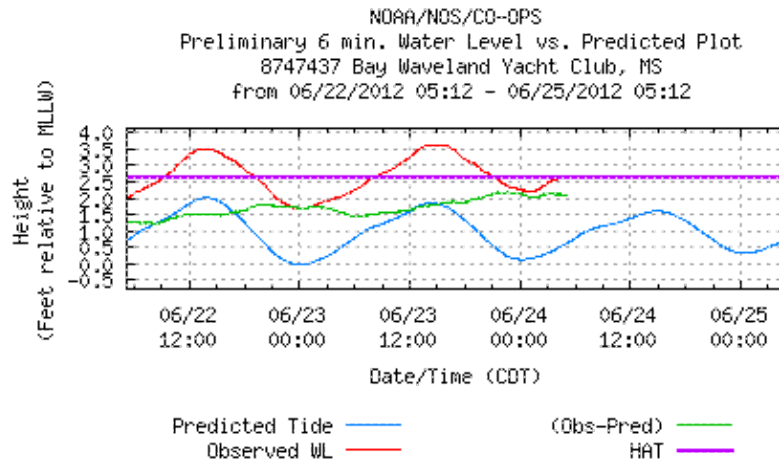
TORNADOES...ISOLATED TORNADOES ARE POSSIBLE OVER PORTIONS OF THE WEST-CENTRAL AND SOUTHWESTERN FLORIDA PENINSULA TODAY.

FORECASTER PASCH

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Bay Waveland Yacht Club - Air/Water Temp](#), [Pilots Station East, SW Pass - Water Level](#), [Pilots Station East, SW Pass - Winds](#), [Pilots Station East, SW Pass - Barometric](#), [Pilots Station East, SW Pass - Air/Water Temp](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Shell Beach - Barometric](#), [Shell Beach - Air/Water Temp](#), [Freshwater Canal Locks - Water Level](#), [Freshwater Canal Locks - Winds](#), [Freshwater Canal Locks - Barometric](#), [Freshwater Canal Locks - Air/Water Temp](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Calcasieu Pass - Barometric](#), [Calcasieu Pass - Air/Water Temp](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Winds](#), [Galveston Bay Entrance, North Jetty - Water Level](#), [Galveston Bay Entrance, North Jetty - Winds](#), [Galveston Bay Entrance, North Jetty - Barometric](#), [Galveston Bay Entrance, North Jetty - Air/Water Temp](#), [Corpus Christi - Water Level](#), [Port Isabel - Water Level](#),

Bay Waveland Yacht Club, MS - Return to List

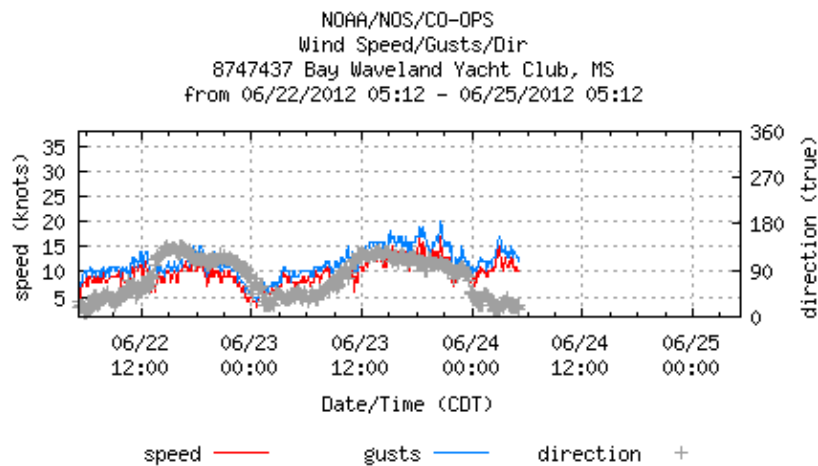


Last Observed Sample: 06/24/2012 05:06 (CDT)

Relative to MLLW: **Observed: 2.70 ft.** **Predicted: 0.63 ft.** **Residual: 2.07 ft.**

Historical Maximum Water Level: Sep 1 2008, 9.16 ft. above MHHW

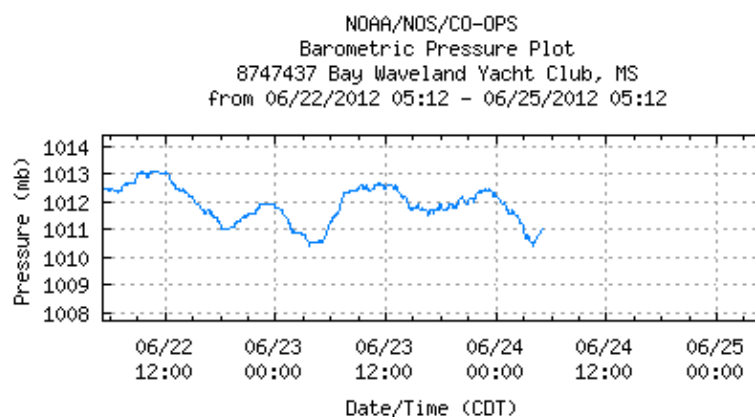
Bay Waveland Yacht Club, MS - Return to List



Last Observed Sample: 06/24/2012 05:06 (CDT)

Wind Speed: 10 knots **Gusts: 13 knots** **Direction: 15° T**

[Bay Waveland Yacht Club, MS - Return to List](#)

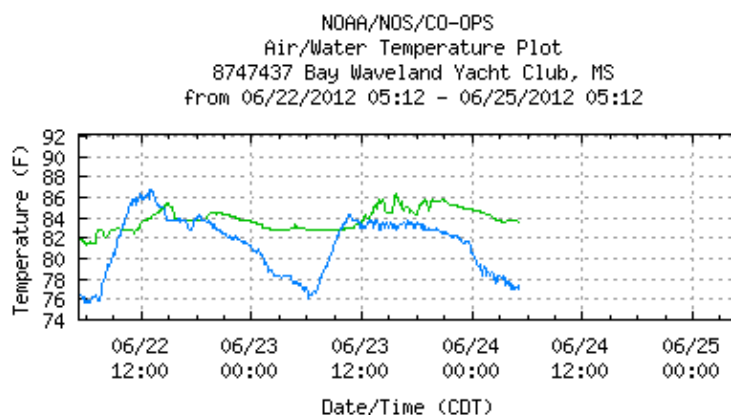


barometric pressure —

Last Observed Sample: 06/24/2012 05:06 (CDT)

Barometric Pressure: 1011.0 mb

[Bay Waveland Yacht Club, MS - Return to List](#)

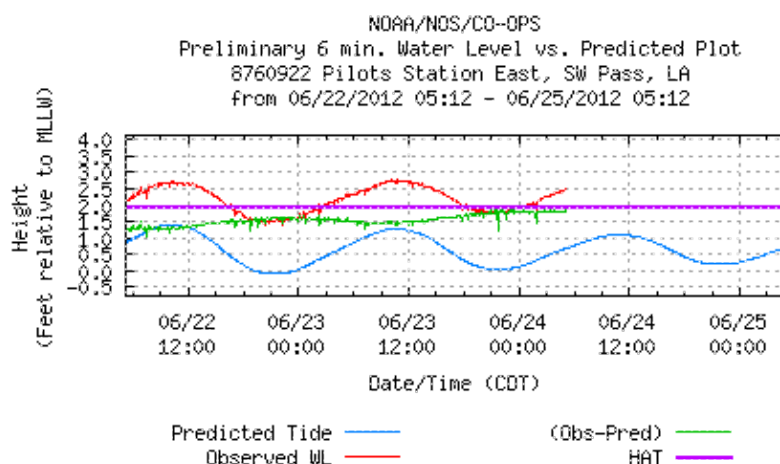


water temp. — air temp —

Last Observed Sample: 06/24/2012 05:06 (CDT)

Water Temperature: 83.5° F Air Temperature: 77.0° F

Pilots Station East, SW Pass, LA - Return to List

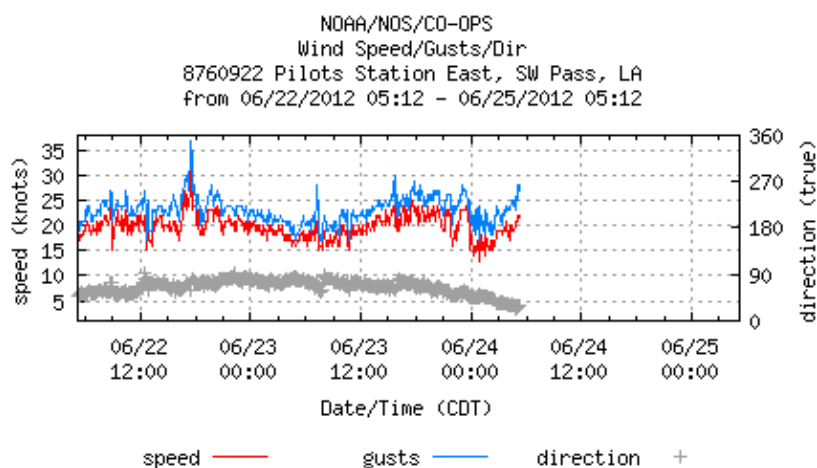


Last Observed Sample: 06/24/2012 05:06 (CDT)

Relative to MLLW: **Observed: 2.51 ft.** **Predicted: 0.68 ft.** **Residual: 1.83 ft.**

Historical Maximum Water Level: Aug 29 2005, 6.22 ft. above MHHW

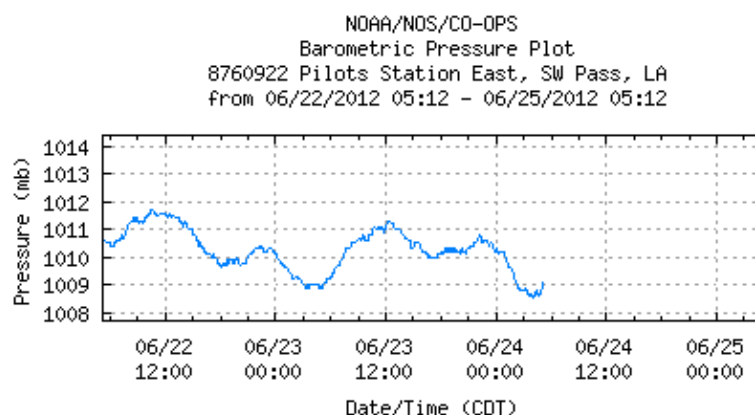
Pilots Station East, SW Pass, LA - Return to List



Last Observed Sample: 06/24/2012 05:12 (CDT)

Wind Speed: 22 knots **Gusts: 28 knots** **Direction: 30° T**

Pilots Station East, SW Pass, LA - Return to List

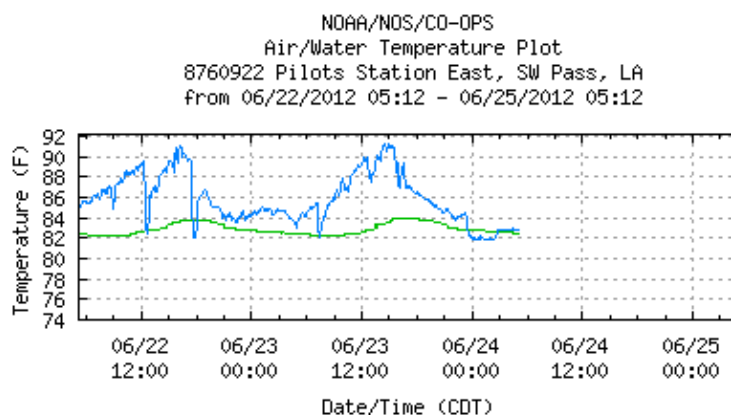


barometric pressure —

Last Observed Sample: 06/24/2012 05:06 (CDT)

Barometric Pressure: 1009.1 mb

Pilots Station East, SW Pass, LA - Return to List

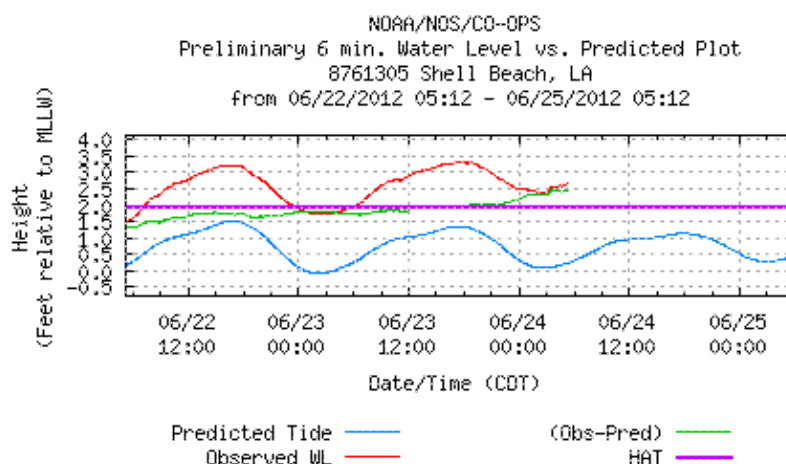


water temp. — air temp —

Last Observed Sample: 06/24/2012 05:06 (CDT)

Water Temperature: 82.4° F Air Temperature: 82.9° F

Shell Beach, LA - Return to List

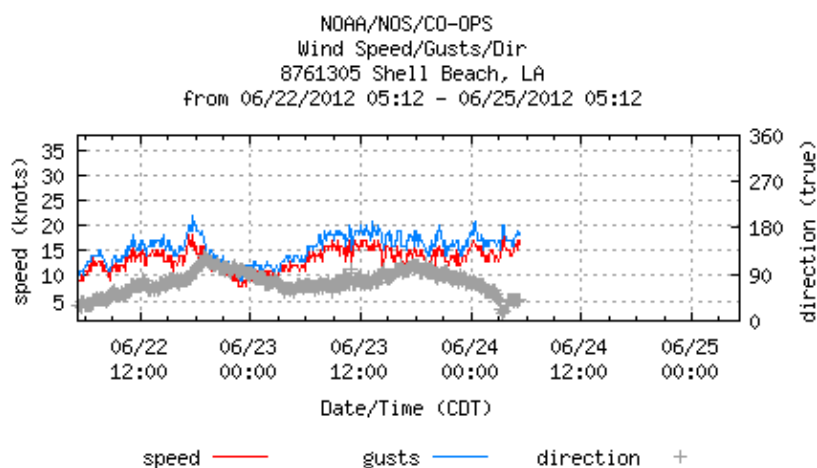


Last Observed Sample: 06/24/2012 05:12 (CDT)

Relative to MLLW: **Observed: 2.66 ft.** **Predicted: 0.23 ft.** **Residual: 2.43 ft.**

Historical Maximum Water Level: Sep 1 2008, 8.78 ft. above MHHW

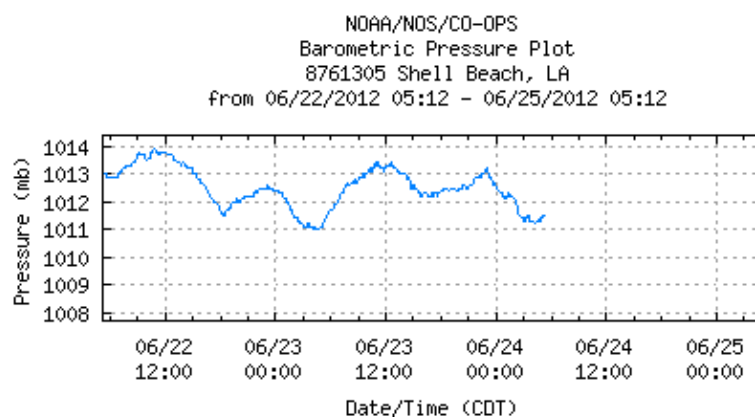
Shell Beach, LA - Return to List



Last Observed Sample: 06/24/2012 05:12 (CDT)

Wind Speed: 17 knots **Gusts: 18 knots** **Direction: 41° T**

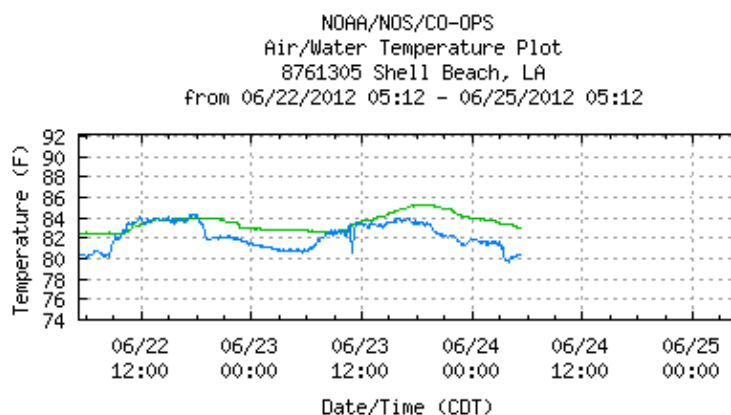
Shell Beach, LA - Return to List



Last Observed Sample: 06/24/2012 05:12 (CDT)

Barometric Pressure: 1011.5 mb

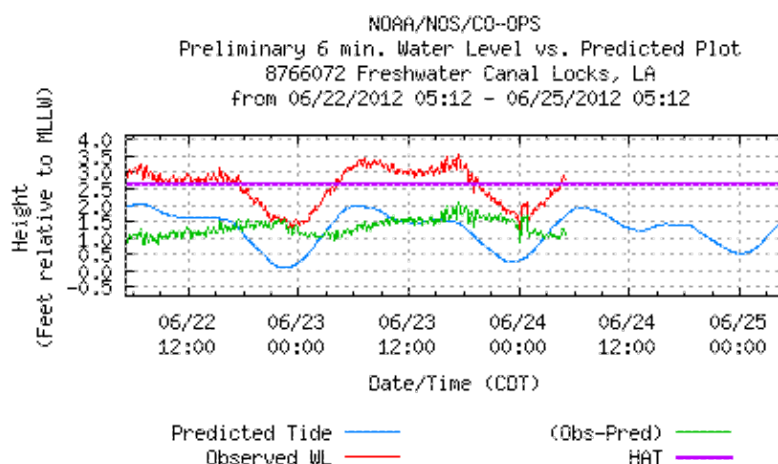
Shell Beach, LA - Return to List



Last Observed Sample: 06/24/2012 05:12 (CDT)

Water Temperature: 83.1° F Air Temperature: 80.3° F

Freshwater Canal Locks, LA - Return to List

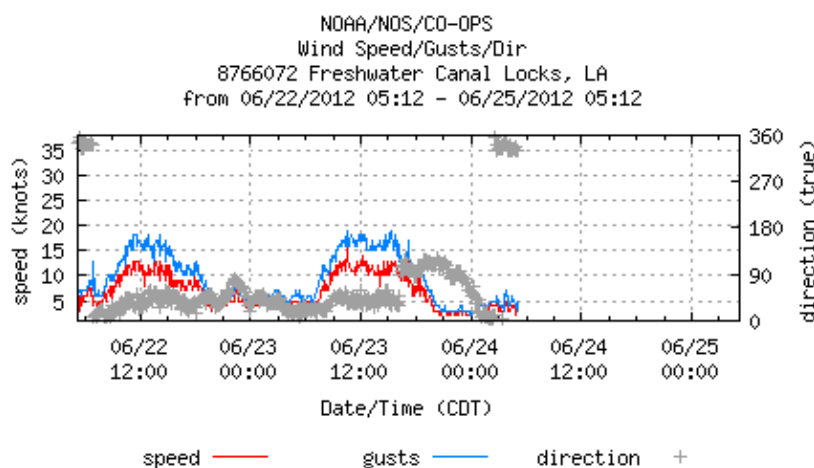


Last Observed Sample: 06/24/2012 05:06 (CDT)

Relative to MLLW: **Observed: 2.82 ft.** **Predicted: 1.70 ft.** **Residual: 1.12 ft.**

Historical Maximum Water Level: Sep 12 2008, 7.98 ft. above MHHW

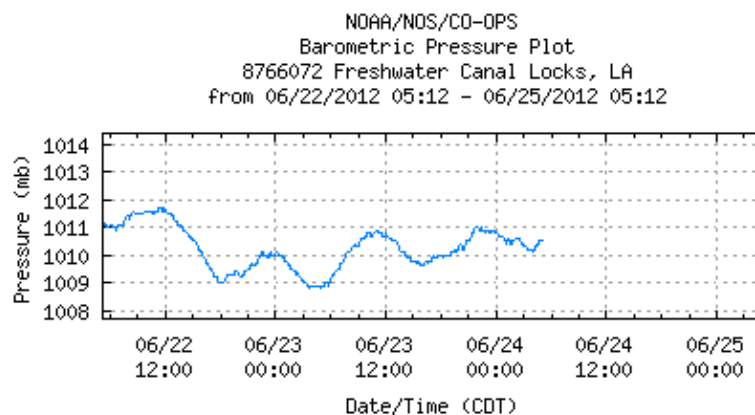
Freshwater Canal Locks, LA - Return to List



Last Observed Sample: 06/24/2012 05:06 (CDT)

Wind Speed: 4 knots **Gusts: 5 knots** **Direction: 330° T**

[Freshwater Canal Locks, LA - Return to List](#)

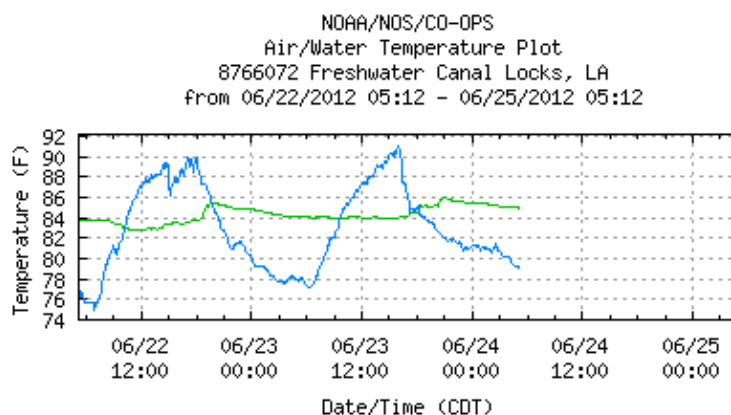


barometric pressure —

Last Observed Sample: 06/24/2012 05:06 (CDT)

Barometric Pressure: 1010.5 mb

[Freshwater Canal Locks, LA - Return to List](#)



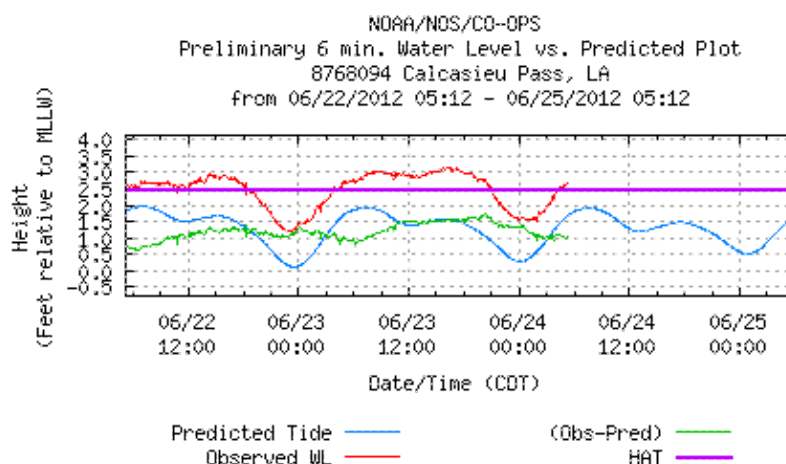
water temp. —

air temp —

Last Observed Sample: 06/24/2012 05:06 (CDT)

Water Temperature: 84.9° F Air Temperature: 79.0° F

Calcasieu Pass, LA - Return to List

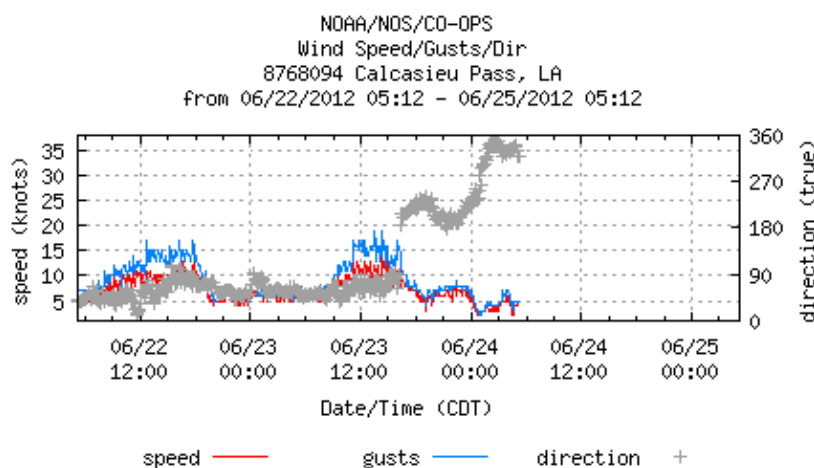


Last Observed Sample: 06/24/2012 05:12 (CDT)

Relative to MLLW: **Observed: 2.68 ft.** **Predicted: 1.66 ft.** **Residual: 1.02 ft.**

Historical Maximum Water Level: Sep 13 2008, 9.96 ft. above MHHW

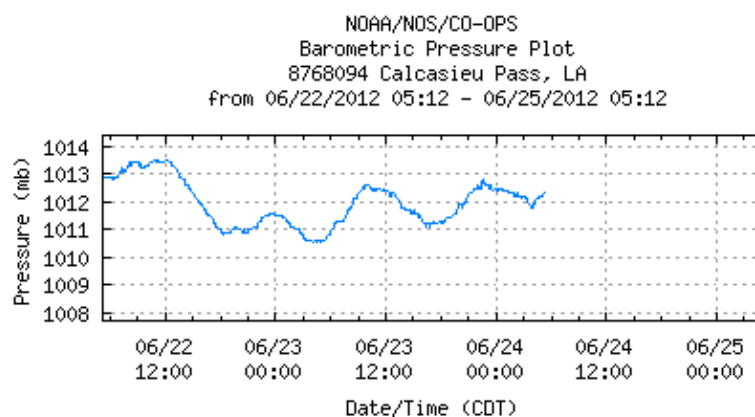
Calcasieu Pass, LA - Return to List



Last Observed Sample: 06/24/2012 05:12 (CDT)

Wind Speed: 5 knots **Gusts: 5 knots** **Direction: 319° T**

Calcasieu Pass, LA - Return to List

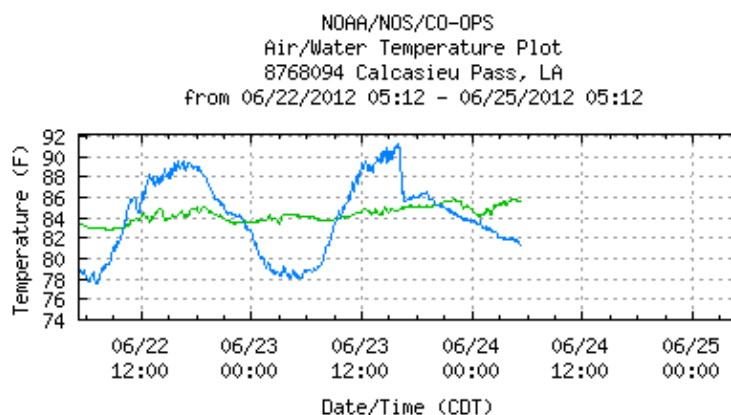


barometric pressure —

Last Observed Sample: 06/24/2012 05:12 (CDT)

Barometric Pressure: 1012.3 mb

Calcasieu Pass, LA - Return to List



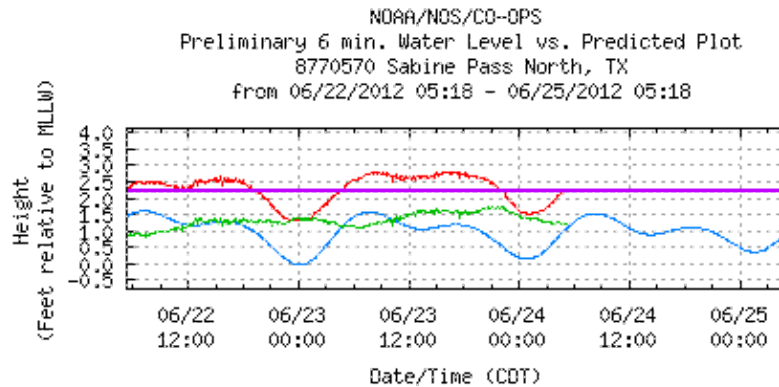
water temp. —

air temp —

Last Observed Sample: 06/24/2012 05:12 (CDT)

Water Temperature: 85.7° F Air Temperature: 81.3° F

Sabine Pass North, TX - Return to List

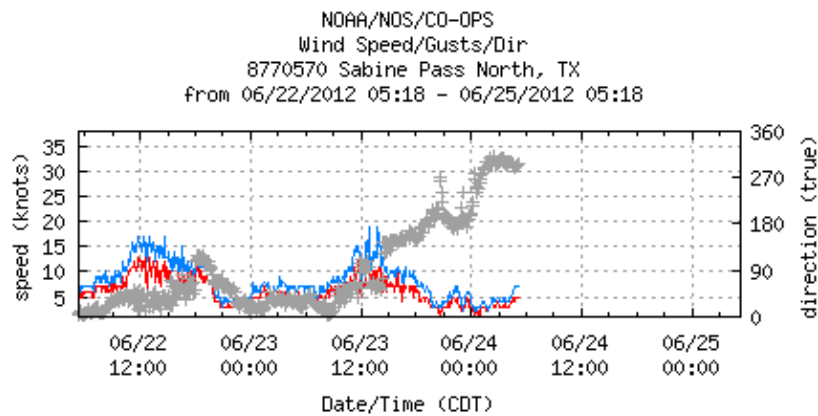


Last Observed Sample: 06/24/2012 05:06 (CDT)

Relative to MLLW: **Observed: 2.26 ft.** **Predicted: 1.06 ft.** **Residual: 1.20 ft.**

Historical Maximum Water Level: Sep 13 2008, 12.71 ft. above MHHW

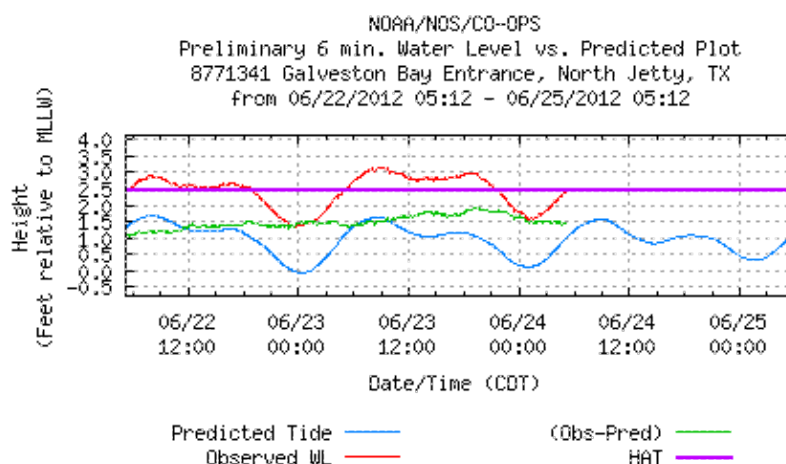
Sabine Pass North, TX - Return to List



Last Observed Sample: 06/24/2012 05:06 (CDT)

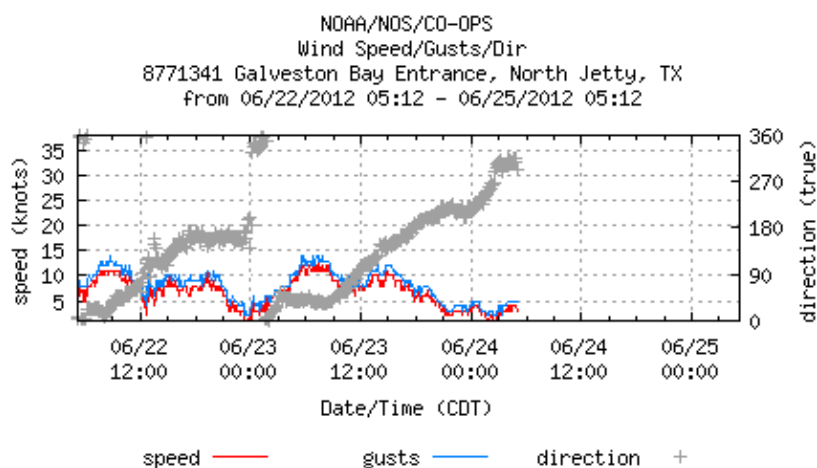
Wind Speed: 5 knots **Gusts: 7 knots** **Direction: 296° T**

Galveston Bay Entrance, North Jetty, TX - Return to List



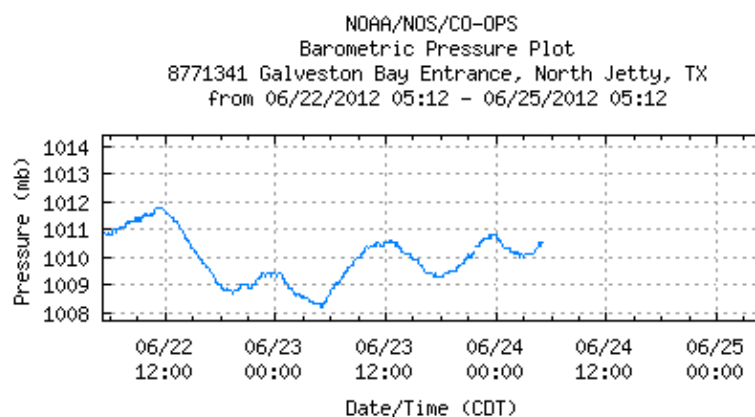
Last Observed Sample: 06/24/2012 05:06 (CDT)
Relative to MLLW: **Observed: 2.44 ft.** **Predicted: 0.99 ft.** **Residual: 1.45 ft.**
Historical Maximum Water Level: , 0 ft. above MHHW

Galveston Bay Entrance, North Jetty, TX - Return to List



Last Observed Sample: 06/24/2012 05:06 (CDT)
Wind Speed: 3 knots **Gusts: 5 knots** Direction: 294° T

Galveston Bay Entrance, North Jetty, TX - Return to List

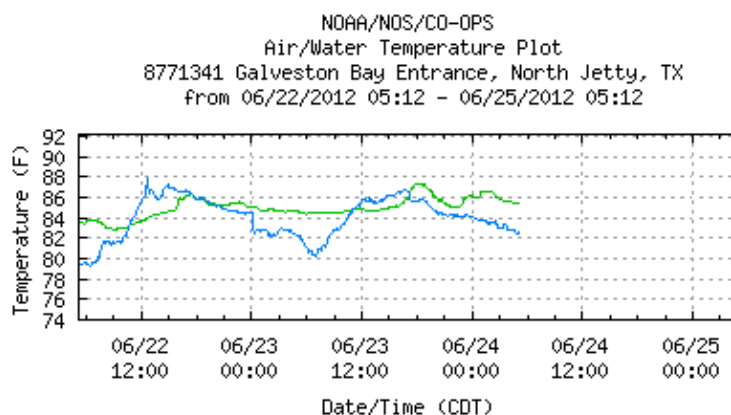


barometric pressure —

Last Observed Sample: 06/24/2012 05:06 (CDT)

Barometric Pressure: 1010.5 mb

Galveston Bay Entrance, North Jetty, TX - Return to List



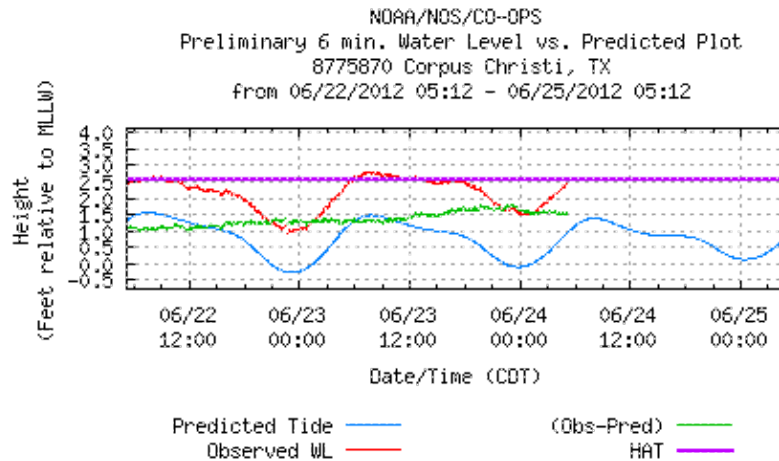
water temp. —

air temp —

Last Observed Sample: 06/24/2012 05:06 (CDT)

Water Temperature: 85.5° F Air Temperature: 82.6° F

Corpus Christi, TX - Return to List

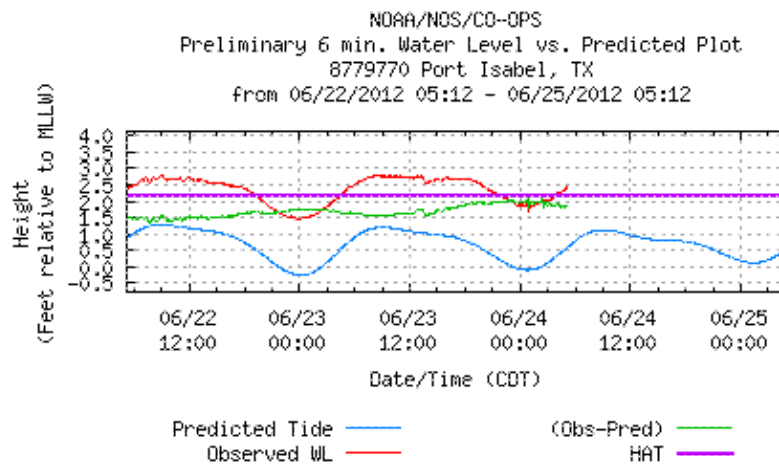


Last Observed Sample: 06/24/2012 05:06 (CDT)

Relative to MLLW: **Observed: 2.43 ft.** **Predicted: 0.93 ft.** **Residual: 1.50 ft.**

Historical Maximum Water Level: Sep 13 2008, 3.98 ft. above MHHW

Port Isabel, TX - Return to List



Last Observed Sample: 06/24/2012 05:06 (CDT)

Relative to MLLW: **Observed: 2.43 ft.** **Predicted: 0.58 ft.** **Residual: 1.85 ft.**

Historical Maximum Water Level: Aug 9 1980, 5.67 ft. above MHHW

Tropical Storm DEBBY QuickLook, POSTED 05:00 CDT 06/24/2012

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce